

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/604,943A  
Source: 1 Fw/b  
Date Processed by STIC: 9/20/06

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 09/20/2006

PATENT APPLICATION: US/10/604,943A

TIME: 10:36:42

Input Set : F:\ReplacementSeqList.txt

Output Set: N:\CRF4\09192006\J604943A.raw

3 &lt;110&gt; APPLICANT: ROSETTA GENOMICS LTD

5 &lt;120&gt; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VACCINIA

## REGULATORY

6 GENES AND USES THEREOF

8 &lt;130&gt; FILE REFERENCE: 55027

10 &lt;140&gt; CURRENT APPLICATION NUMBER: 10/604,943A

C--&gt; 11 &lt;141&gt; CURRENT FILING DATE: 2003-08-28

13 &lt;160&gt; NUMBER OF SEQ ID NOS: 3760

15 &lt;170&gt; SOFTWARE: PatentIn version 3.3

17 &lt;210&gt; SEQ ID NO: 1

18 &lt;211&gt; LENGTH: 123

19 &lt;212&gt; TYPE: DNA

20 &lt;213&gt; ORGANISM: Vaccinia Virus

22 &lt;400&gt; SEQUENCE: 1

23 acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga tggcttcaca 60

25 aaaatattaa acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga 120

27 ggt 123

30 &lt;210&gt; SEQ ID NO: 2

31 &lt;211&gt; LENGTH: 124

32 &lt;212&gt; TYPE: DNA

33 &lt;213&gt; ORGANISM: Vaccinia Virus

35 &lt;400&gt; SEQUENCE: 2

36 acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga tggcttcaca 60

38 aaaatattaa acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga 120

40 tgg 124

43 &lt;210&gt; SEQ ID NO: 3

44 &lt;211&gt; LENGTH: 124

45 &lt;212&gt; TYPE: DNA

46 &lt;213&gt; ORGANISM: Vaccinia Virus

48 &lt;400&gt; SEQUENCE: 3

49 acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga tggcttcaca 60

51 aaaatattaa acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga 120

53 tgg 124

56 &lt;210&gt; SEQ ID NO: 4

57 &lt;211&gt; LENGTH: 124

58 &lt;212&gt; TYPE: DNA

59 &lt;213&gt; ORGANISM: Vaccinia Virus

61 &lt;400&gt; SEQUENCE: 4

62 acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga tggcttcaca 60

64 aaaatattaa acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga 120

66 tgg 124

69 &lt;210&gt; SEQ ID NO: 5

70 &lt;211&gt; LENGTH: 124

71 &lt;212&gt; TYPE: DNA

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72 <213> ORGANISM: Vaccinia Virus
74 <400> SEQUENCE: 5
75 acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga tggcttcaca      60
77 aaaatattaa acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga      120
79 tgggt                                                                124
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 124
84 <212> TYPE: DNA
85 <213> ORGANISM: Vaccinia Virus
87 <400> SEQUENCE: 6
88 acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga tggcttcaca      60
90 aaaatattaa acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga      120
92 tgggt                                                                124
95 <210> SEQ ID NO: 7
96 <211> LENGTH: 124
97 <212> TYPE: DNA
98 <213> ORGANISM: Vaccinia Virus
100 <400> SEQUENCE: 7
101 acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga tggcttcaca      60
103 aaaatattaa acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga      120
105 tgggt                                                                124
108 <210> SEQ ID NO: 8
109 <211> LENGTH: 124
110 <212> TYPE: DNA
111 <213> ORGANISM: Vaccinia Virus
113 <400> SEQUENCE: 8
114 acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga tggcttcaca      60
116 aaaatattaa acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga      120
118 tgggt                                                                124
121 <210> SEQ ID NO: 9
122 <211> LENGTH: 124
123 <212> TYPE: DNA
124 <213> ORGANISM: Vaccinia Virus
126 <400> SEQUENCE: 9
127 acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga tggcttcaca      60
129 aaaatattaa acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga      120
131 tgggt                                                                124
134 <210> SEQ ID NO: 10
135 <211> LENGTH: 124
136 <212> TYPE: DNA
137 <213> ORGANISM: Vaccinia Virus
139 <400> SEQUENCE: 10
140 acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga tggcttcaca      60
142 aaaatattaa acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga      120
144 tgggt                                                                124
147 <210> SEQ ID NO: 11
148 <211> LENGTH: 124
149 <212> TYPE: DNA
150 <213> ORGANISM: Vaccinia Virus

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152 <400> SEQUENCE: 11
153 acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga tgggtctcaca      60
155 aaaatattaa acctctttct gatggagtcg taaaaaagtt ttatctcttt ctctcttcga      120
157 tgggt                                                                124
160 <210> SEQ ID NO: 12
161 <211> LENGTH: 122
162 <212> TYPE: DNA
163 <213> ORGANISM: Vaccinia Virus
165 <400> SEQUENCE: 12
166 acctctttct gatggagtcg taaaaaagtt ttatctttct ctcttcgatg gtctcacaaa      60
168 aatattaaac ctctttctga tggagtcgta aaaaagtttt atctctttct ctcttcgatg      120
170 gt                                                                122
173 <210> SEQ ID NO: 13
174 <211> LENGTH: 100
175 <212> TYPE: DNA
176 <213> ORGANISM: Vaccinia Virus
178 <400> SEQUENCE: 13
179 gatggagtcg taaaaaagtt ttatctcttt ctcttcgat ggtctcacaa aaatattaaa      60
181 cctctttctg atggagtcgt aaaaagttt tatctctttc                                                                100
184 <210> SEQ ID NO: 14
185 <211> LENGTH: 100
186 <212> TYPE: DNA
187 <213> ORGANISM: Vaccinia Virus
189 <400> SEQUENCE: 14
190 gatggagtcg taaaaaagtt ttatctcttt ctcttcgat ggtctcacaa aaatattaaa      60
192 cctctttctg atggagtcgt aaaaagttt tatctctttc                                                                100
195 <210> SEQ ID NO: 15
196 <211> LENGTH: 101
197 <212> TYPE: DNA
198 <213> ORGANISM: Vaccinia Virus
200 <400> SEQUENCE: 15
201 gatggagtcg taaaaaagtt ttatctcttt ctctcttcga tgggtctcaca aaaatattaa      60
203 acctctttct gatggagtcg taaaaaagtt ttatctcttt c                                                                101
206 <210> SEQ ID NO: 16
207 <211> LENGTH: 115
208 <212> TYPE: DNA
209 <213> ORGANISM: Vaccinia Virus
211 <400> SEQUENCE: 16
212 gatggtctca taaaaaaagt ttacaaaaa tttttttatt ctctttctct ctttgatggg      60
214 ctcataaaaa aggttttaca aaaatatatt tattctcttt ctctctttga tggtc      115
217 <210> SEQ ID NO: 17
218 <211> LENGTH: 96
219 <212> TYPE: DNA
220 <213> ORGANISM: Vaccinia Virus
222 <400> SEQUENCE: 17
223 ggagtcataa aatattttta ttctctttct ctcttcgatg gtctcacaaa aatattaaac      60
225 ctctttctga tggagtcgta aaaaagtttt atctct                                                                96
228 <210> SEQ ID NO: 18
229 <211> LENGTH: 130

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230 <212> TYPE: DNA
231 <213> ORGANISM: Vaccinia Virus
233 <400> SEQUENCE: 18
234 ttaaacctct ttctgatgga gtcgtaaaaa agttttatct ctttctcctt cgatgggtctc 60
236 acaaaaaatat taaacctctt tctgatggag tcgtaaaaaa gttttatctc tttctccttt 120
238 ctcacaaaaa 130
241 <210> SEQ ID NO: 19
242 <211> LENGTH: 130
243 <212> TYPE: DNA
244 <213> ORGANISM: Vaccinia Virus
246 <400> SEQUENCE: 19
247 ttaaacctct ttctgatgga gtcgtaaaaa agttttatct ctttctcctt cgatgggtctc 60
249 acaaaaaatat taaacctctt tctgatggag tcgtaaaaaa gttttatctc tttctccttt 120
251 ctcacaaaaa 130
254 <210> SEQ ID NO: 20
255 <211> LENGTH: 91
256 <212> TYPE: DNA
257 <213> ORGANISM: Vaccinia Virus
259 <400> SEQUENCE: 20
260 tttttctttg gtacaaaatt tcacacaagt ttttatacag acaaattctt gtccatatat 60
262 tttaaaacat tgacttttgt actaagaaaa a 91
265 <210> SEQ ID NO: 21
266 <211> LENGTH: 96
267 <212> TYPE: DNA
268 <213> ORGANISM: Vaccinia Virus
270 <400> SEQUENCE: 21
271 agagataaaa cttttttacg actccatcag aaagagggttt aatatttttg tgagaccatc 60
273 gaaggagact ccatcagaaa gaggtttaat attttt 96
276 <210> SEQ ID NO: 22
277 <211> LENGTH: 70
278 <212> TYPE: DNA
279 <213> ORGANISM: Vaccinia Virus
281 <400> SEQUENCE: 22
282 ataaaaatat ttttgtaaaa ctttttttat gagaccatca aagagagaaa gagaataaaa 60
284 atatttttgt 70
287 <210> SEQ ID NO: 23
288 <211> LENGTH: 70
289 <212> TYPE: DNA
290 <213> ORGANISM: Vaccinia Virus
292 <400> SEQUENCE: 23
293 ataaaaatat ttttgtaaaa ctttttttat gagaccatca aagagagaaa gagaataaaa 60
295 atatttttgt 70
298 <210> SEQ ID NO: 24
299 <211> LENGTH: 61
300 <212> TYPE: DNA
301 <213> ORGANISM: Vaccinia Virus
303 <400> SEQUENCE: 24
304 atggatttta ctagatcatt tatataccaa aaaatattat acgatctacg ttttattata 60
306 t 61

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309 <210> SEQ ID NO: 25
310 <211> LENGTH: 128
311 <212> TYPE: DNA
312 <213> ORGANISM: Vaccinia Virus
314 <400> SEQUENCE: 25
315 ctttttttacg actccatcag aaagagggttt aatattttttg tgagaccatc gaagagagaa      60
317 agagataaaa ctttttttacg actccatcag aaagagggttt aatattttttg tgagaccatc      120
319 gaagagag                                     128
322 <210> SEQ ID NO: 26
323 <211> LENGTH: 128
324 <212> TYPE: DNA
325 <213> ORGANISM: Vaccinia Virus
327 <400> SEQUENCE: 26
328 ctttttttacg actccatcag aaagagggttt aatattttttg tgagaccatc gaagagagaa      60
330 agagataaaa ctttttttacg actccatcag aaagagggttt aatattttttg tgagaccatc      120
332 gaagagag                                     128
335 <210> SEQ ID NO: 27
336 <211> LENGTH: 128
337 <212> TYPE: DNA
338 <213> ORGANISM: Vaccinia Virus
340 <400> SEQUENCE: 27
341 ctttttttacg actccatcag aaagagggttt aatattttttg tgagaccatc gaagagagaa      60
343 agagataaaa ctttttttacg actccatcag aaagagggttt aatattttttg tgagaccatc      120
345 gaagagag                                     128
348 <210> SEQ ID NO: 28
349 <211> LENGTH: 128
350 <212> TYPE: DNA
351 <213> ORGANISM: Vaccinia Virus
353 <400> SEQUENCE: 28
354 ctttttttacg actccatcag aaagagggttt aatattttttg tgagaccatc gaagagagaa      60
356 agagataaaa ctttttttacg actccatcag aaagagggttt aatattttttg tgagaccatc      120
358 gaagagag                                     128
361 <210> SEQ ID NO: 29
362 <211> LENGTH: 128
363 <212> TYPE: DNA
364 <213> ORGANISM: Vaccinia Virus
366 <400> SEQUENCE: 29
367 ctttttttacg actccatcag aaagagggttt aatattttttg tgagaccatc gaagagagaa      60
369 agagataaaa ctttttttacg actccatcag aaagagggttt aatattttttg tgagaccatc      120
371 gaagagag                                     128
374 <210> SEQ ID NO: 30
375 <211> LENGTH: 128
376 <212> TYPE: DNA
377 <213> ORGANISM: Vaccinia Virus
379 <400> SEQUENCE: 30
380 ctttttttacg actccatcag aaagagggttt aatattttttg tgagaccatc gaagagagaa      60
382 agagataaaa ctttttttacg actccatcag aaagagggttt aatattttttg tgagaccatc      120
384 gaagagag                                     128
387 <210> SEQ ID NO: 31

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/604,943A

DATE: 09/20/2006

TIME: 10:36:43

Input Set : F:\ReplacementSeqList.txt

Output Set: N:\CRF4\09192006\J604943A.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date